

**FSA-441 U.S. DEPARTMENT OF AGRICULTURE**  
(03-12-02) FARM SERVICE AGENCY

## REQUEST FOR AERIAL PHOTOGRAPHY

See Page 2 for Privacy Act and Public Burden Statement

1. NAME					
2. ADDRESS (STREET ADDRESS)					
3. ADDRESS (PO BOX)					
4. CITY, STATE, ZIP+4					
5. CONTACT NAME					
6. TELEPHONE NUMBER ( )	7. FAX NUMBER ( )				
8. E-MAIL ADDRESS					
9. IF KNOWN:	<table border="1"> <tr> <td>A. CUSTOMER CODE</td> <td>B. AGENCY CODE</td> </tr> <tr> <td colspan="2">C. PURCHASE ORDER (PO) NUMBER</td> </tr> </table>	A. CUSTOMER CODE	B. AGENCY CODE	C. PURCHASE ORDER (PO) NUMBER	
A. CUSTOMER CODE	B. AGENCY CODE				
C. PURCHASE ORDER (PO) NUMBER					
10. CREDIT CARD NUMBER	11. EXP. DATE (MM/YY)				
12. TOTAL REPRODUCTIONS	13. AMOUNT REMITTED / PO AMOUNT \$				



### FOR U.S. GOVERNMENT AGENCY USE ONLY

ORDERING UNIT CODE	FUNDS CHARGEABLE
I CERTIFY THAT THESE ITEMS ARE NECESSARY FOR USE IN THE PUBLIC SERVICE	
SIGNATURE	
TITLE	DATE

### INSTRUCTIONS

**ORDERING** - Products are made to order.

Don't know what to order? See Page 2 for additional information. Faxing your order? Include your Credit Card number. Confirmation copies are not necessary, but if you do - mark it "CONFIRMATION ONLY." Otherwise we'll handle it as a new order.

**PAYMENT**- Prepayment is required.

We accept Credit Cards. Make your check or money order payable to **USDA FSA**. Purchase orders are accepted from tax-supported agencies. Please do not send cash or blank checks.

**SHIPMENT**- We ship the most economical method.

No COD's, shipping costs are included in the price of the product.

### PHOTOGRAPHY DATA SECTION (See Page 2 for Ordering Information)

14. STATE OR REGION	15. SPECIAL INSTRUCTIONS
16. COUNTY (OR FOREST AREA)	

17. Exposure Number(s) Please list consecutively by roll and exposure number.

SIZE AND TYPE REPRODUCTIONS A	QUAN. EACH B	YEAR C	SYMBOL D	ROLL NO. E	EXPOSURE(S) (RANGE(S)) F	SHIFT G	18. CUSTOMERS CHECK ALL THAT APPLY
							<input type="checkbox"/> Crops / Fields
							<input type="checkbox"/> Field Lines
							<input type="checkbox"/> Soils / Drainage
							<input type="checkbox"/> Tree Typing / Counting
							<input type="checkbox"/> Vegetation Typing
							<input type="checkbox"/> Habitat Delineation
							<input type="checkbox"/> Litigation / Court Case
							<input type="checkbox"/> Digitizing / G.I.S.
							<input type="checkbox"/> Publication
							<input type="checkbox"/> Wall Display
							<input type="checkbox"/> Environmental Assessment
							<input type="checkbox"/> Riparian Study
							<input type="checkbox"/> Hunting / Fishing
							<input type="checkbox"/> Education
							<input type="checkbox"/> Remote Sensing
							<input type="checkbox"/> Visual Aid
							<input type="checkbox"/> Tax Assessment
							<input type="checkbox"/> Geology
							<input type="checkbox"/> Other: _____

**Address Order for  
Photography or  
Information to:** SALES SECTION  
USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE  
2222 WEST 2300 SOUTH  
SALT LAKE CITY UT 84119-2020

**TELEPHONE:** 801-975-3503  
**TDD:** 801-975-3502  
**FAX:** 801-975-3532  
**E-MAIL:** sales@apfo.usda.gov  
**WEBSITE:** http://www.apfo.usda.gov

## FSA-441 (Page 2) (03-12-02)

**A** Your customer information - please include your street address (item 2) and telephone number (item 6). If you are a tax-supported organization and want to be billed, place your purchase order number here (item 9C).

**B** Total reproductions (item 12) - in this area indicate the total number of reproductions by product (i.e. 1-24x24, 2-38x38).

Amount remitted/PO amount (item 13) - by check, money order or Credit Card (item 10).

**C** Special instructions (item 15) - provide any special instructions you require of us to process your order.

Size and type reproduction (item 17A) - refer to Prices for Aerial Photographic Reproductions (FSA-441A).

Symbol (item 17D)- you may know it as project code (ID), FIPS codes, etc.

Roll No. (item 17E) - is a unique number related to a specific project.

Exposure(s) (range(s)) (item 17F) - put the exposure number or range of exposures here. Refer to FSA-441A (Page 2).

**D** U.S. Government Agency Use Only - this may substitute for your purchase order. For FSA orders, your signature is required.

**E** Instructions - these are brief instructions related to your order. See "HOW TO ORDER AERIAL PHOTOGRAPHY" below. Also, see FSA-441A .

**F** Checking applicable boxes will assist in identifying the purpose of the order and clarify the intended use (item 18).

Fill out items 14 through 18 on the FSA-441, Request for Aerial Photography form. If you do not have the aerial photo identification numbers, furnish one or more of the following forms of information and we will make print selections for you:

- Latitude and Longitude coordinates (point and radius or four corner points.)
- Legal description of your area of interest in township, range, and section number.
- A topographic, county, or city map outlining your area of interest as accurately as possible.

Products are made after an order and payment is received. You may order over the telephone using a major credit card if you have complete aerial photo identification numbers.

Depending on the original negative scale, photographs are available in selected scales ranging from 1 inch = 5,000 feet to 1 inch = 200 feet. Paper sizes: 10" x 10" contact prints, 12" x 12" to 38" x 38" enlargements. See FSA-441A (Prices for Aerial Photographic Reproductions) for specific sizes and scales available.

Photography secured for the Forest Service (FS) and National Resource Conservation Service (NRCS) can be purchased from us by the same procedures outlined for FSA photography. The negative scales vary from 1:6,000 to 1:80,000, depending on the project area. Most FS photography has been flown in natural color, some in black and white and color infrared. Most NRCS photography has been flown in black and white, some in natural color and color infrared.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0560-0176. The time required to complete this information collection is estimated to average 40 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. **RETURN THIS COMPLETED FORM TO THE USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE AT THE ADDRESS LISTED ON PAGE 1.**

## PRICES FOR AERIAL PHOTOGRAPHIC REPRODUCTIONS

Prices Effective February 1, 1999

Prices are subject to change. Prices listed are for items most frequently requested.

IMAGE SIZE	PRODUCT MATERIAL	PRICES
BLACK & WHITE NEGATIVE PHOTOGRAPHY (B&W)		
10" x 10"	Paper Print	\$5.00
10" x 10"	Film Positive*	\$10.00
10" x 10"	Film Positive* AT <sup>1/</sup>	\$10.00
10" x 10"	Film Positive* Scan <sup>2/</sup>	\$15.00
10" x 10"	Film Negative	\$3.00
10" x 10"	Film Internegative	\$4.50
12" x 12"	Paper Print	\$12.00
17" x 17"	Paper Print	\$13.00
17" x 17"	Film Positive*	\$25.00
24" x 24"	Paper Print	\$16.00
24" x 24"	Film Positive*	\$40.00
38" x 38"	Paper Print	\$50.00
38" x 38"	Film Positive*	\$55.00
COLOR INFRARED POSITIVE PHOTOGRAPHY (CIR)		
10" x 10"	Paper Print	\$12.00
10" x 10"	Film Positive*	\$15.00
10" x 10"	Film Positive* AT <sup>1/</sup>	\$15.00
10" x 10"	Film Positive* Scan <sup>2/</sup>	\$20.00
20" x 20"	Paper Print	\$32.00
24" x 24"	Paper Print	\$40.00
38" x 38"	Paper Print	\$70.00
COLOR NEGATIVE PHOTOGRAPHY (COLOR)		
10" x 10"	Paper 1-50 Quantity	\$7.00
10" x 10"	Paper 51-1000 Quantity	\$5.00
10" x 10"	Paper 1001 -Over Qnty.	\$2.50
10" x 10"	Film Positive*	\$33.00
20" x 20"	Paper Print	\$40.00
24" x 24"	Paper Print	\$55.00
38" x 38"	Paper Print	\$70.00

INDEX PRICES		
LINE INDEX	\$15.00	Line indexes are available for NAPP or NHAP, FSA rectified projects and the majority of FS photography.
PHOTO INDEX	\$20.00	Photo indexes are available for FSA, NRCS, and some FS photography.

PROGRAMS	SCALE OF PHOTOGRAPHY	DATE RANGE	TYPE OF PHOTOGRAPHY
NAPP	1:40,000	1987-Present	B&W Negative/ **Color IR Pos.
NHAP	1:60,000	1980-1987	**Color IR Pos.
FSA & NRCS	1:40,000	1970-Present	B&W Negative
FSA & NRCS	1:20,000	1955-1970	B&W Negative
FS	Various	1955-Present	B&W and **Color Negative Color IR Pos., and Misc.

\*\* B&W products are available from Color Infrared (CIR) or Color negative photography.

ORDERING INFORMATION	
PRODUCT TYPE	Designate the type of product you are ordering. For example: 24" x 24" B&W Paper Print 10" x 10" CIR Film Positive 38" x 38" Color Paper Print
PAYMENT	Prepayment is required. We accept Credit Cards. Make checks or money orders payable to: <b>USDA FSA</b> . Purchase orders are accepted from tax-supported agencies. No COD's.
SHIPMENT	We ship the most economical method. No COD's. Costs are included in the price of the product.

\* **Transparencies** -A clear-based film product made visible by projecting light through the product material.

1/ Suitable for point marking and mensuration in the aerotriangulation process.

2/ Suitable for scanning for digital ortho photo production.

Address Order for  
Photography or  
Information to:

SALES SECTION  
USDA FSA AERIAL PHOTOGRAPHY FIELD OFFICE  
2222 WEST 2300 SOUTH  
SALT LAKE CITY UT 84119-2020

TELEPHONE: 801-975-3503  
TDD: 801-975-3502  
FAX: 801-975-3532  
E-MAIL: sales@apfo.usda.gov  
WEBSITE: <http://www.apfo.usda.gov>

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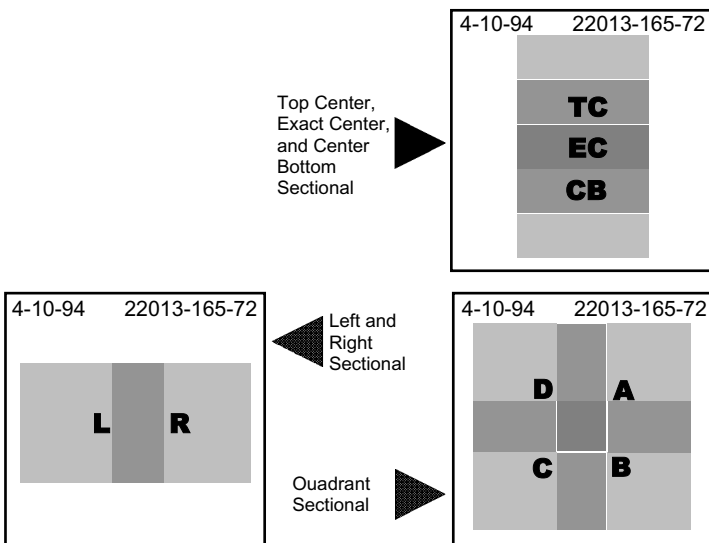
**SCALES AND PRODUCT TYPES****10" x 10" CONTACT PRINTS, FILM POSITIVE TRANSPARENCIES AND FILM NEGATIVES**

- Direct copies from the full frame. Not available as sectionals or with scale accuracy.

APPROXIMATE SCALES OF ORIGINAL PHOTOGRAPHY		DISTANCE ALONG ONE SIDE OF PHOTO
FRACTIONAL SCALE	10" x 10" SCALES FEET/INCH	
1:20,000	1667	2.84 miles
1:40,000	3333	5.68 miles
1:60,000	5000	8.52 miles

**ENLARGEMENTS**

From the full frame, enlargements are available in the sizes and at the approximate scales shown in the following table. Scales requiring "sectional" enlargements are made from one-fourth (1/4) of the full frame.



PAPER SIZE	DIAMETER OF ENLARGEMENT	APPROXIMATE FEET/INCH FROM		
		1:20,000 PHOTOGRAPHY	1:40,000 PHOTOGRAPHY	1:60,000 PHOTOGRAPHY
12" x 12"	1.26x	1"=1320'	1"=2640'	1"=4000'
12" x 12"	2.53x Sectional	1"=660'	1"=1320'	1"=2000'
17" x 17"	1.66x	1"=1000'	1"=2000'	1"=3000'
17" x 17"	3.33x Sectional	1"=500'	1"=1000'	1"=1500'
20" x 20"	2.00x	1"=834'	1"=1667'	1"=2500'
20" x 20"	4.00x Sectional	1"=417'	1"=834'	1"=1250'
24" x 24"	2.53x	1"=660'	1"=1320'	1"=2000'
24" x 24"	5.05x Sectional	1"=330'	1"=660'	1"=1000'
38" x 38"	4.15x	1"=400'	1"=800'	1"=1320'
38" x 38"	8.33x Sectional	1"=200'	1"=400'	1"=660'

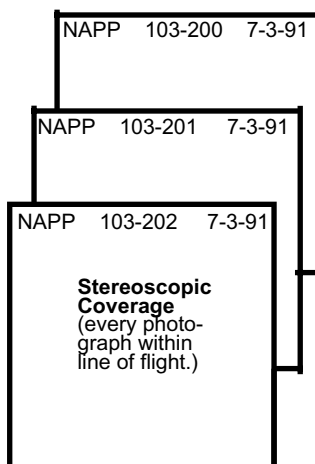
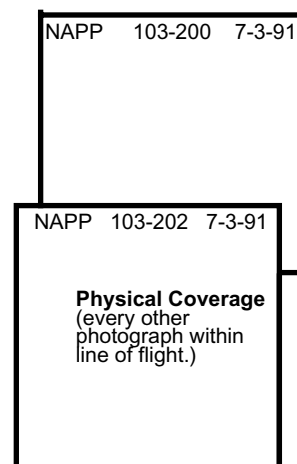
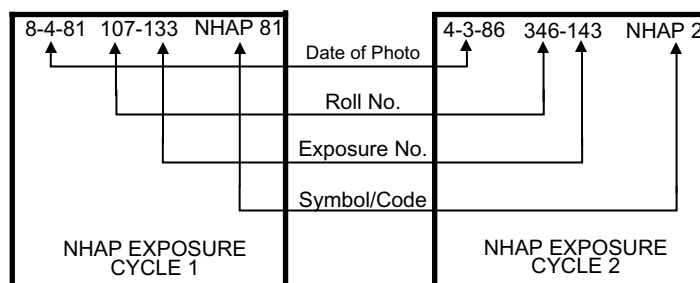
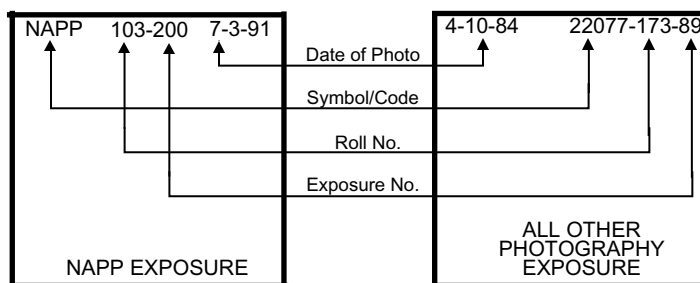
**INDEXES**

If you are selecting a large quantity of prints in the same area or have a continuing need for this type of information, you may want to purchase the indexes which cover your area of interest.

**TYPES OF COVERAGE**

**STEREOSCOPIC COVERAGE** requires consecutively numbered prints within the line of flight.

**PHYSICAL COVERAGE** requires every other print within the line of flight.

**CONSECUTIVE EXPOSURES****ALTERNATE EXPOSURES****EXAMPLE OF FILM EDITING****METHODS FOR DETERMINING PRINT SELECTION**

**IF YOU DO NOT KNOW THE PHOTO EXPOSURE IDENTIFICATION NUMBERS:** Furnish one or more of the following forms of information and we will make print selections for you.

1. Latitude and Longitude coordinates (point and radius or four corner points.)
2. Legal description of your area of interest in township, range, and section number.
3. A topographic, county, or city map outlining your area of interest as accurately as possible.